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* * * * * Welcome to STN International * * * * *

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NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 SEP 09 CA/CAPlus records now contain indexing from 1907 to the
present
NEWS 4 AUG 05 New pricing for EUROPATFULL and PCTFULL effective
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NEWS 5 AUG 13 Field Availability (/FA) field enhanced in BEILSTEIN
NEWS 6 AUG 18 Data available for download as a PDF in RDISCLOSURE
NEWS 7 AUG 18 Simultaneous left and right truncation added to PASCAL
NEWS 8 AUG 18 FROSTI and KOSMET enhanced with Simultaneous Left and Right
Truncation
NEWS 9 AUG 18 Simultaneous left and right truncation added to ANABSTR
NEWS 10 SEP 22 DIPPR file reloaded
NEWS 11 DEC 08 INPADOC: Legal Status data reloaded
NEWS 12 SEP 29 DISSABS now available on STN
NEWS 13 OCT 10 PCTFULL: Two new display fields added
NEWS 14 OCT 21 BIOSIS file reloaded and enhanced
NEWS 15 OCT 28 BIOSIS file segment of TOXCENTER reloaded and enhanced
NEWS 16 NOV 24 MSDS-COOS file reloaded
NEWS 17 DEC 08 CABA reloaded with left truncation
NEWS 18 DEC 08 IMS file names changed
NEWS 19 DEC 09 Experimental property data collected by CAS now available
in REGISTRY
NEWS 20 DEC 09 STN Entry Date available for display in REGISTRY and CA/CAPlus
NEWS 21 DEC 17 DGENE: Two new display fields added
NEWS 22 DEC 18 BIOTECHNO no longer updated
NEWS 23 DEC 19 CROPU no longer updated; subscriber discount no longer
available

NEWS EXPRESS NOVEMBER 14 CURRENT WINDOWS VERSION IS V6.01c, CURRENT
MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
AND CURRENT DISCOVER FILE IS DATED 23 SEPTEMBER 2003
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 06:20:48 ON 22 DEC 2003

| | | |
|----------------------|------------|---------|
| => fil reg | | |
| COST IN U.S. DOLLARS | SINCE FILE | TOTAL |
| | ENTRY | SESSION |
| FULL ESTIMATED COST | 0.21 | 0.21 |

FILE 'REGISTRY' ENTERED AT 06:20:55 ON 22 DEC 2003
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Property values tagged with IC are from the ZIC/VINITI data file
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STRUCTURE FILE UPDATES: 19 DEC 2003 HIGHEST RN 628722-21-4
DICTIONARY FILE UPDATES: 19 DEC 2003 HIGHEST RN 628722-21-4

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2003

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

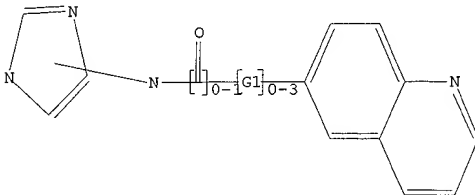
Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>
Uploading 09919630.str

L1 STRUCTURE UPLOADED

=> d
L1 HAS NO ANSWERS
L1 STR



G1 C,O,N

Structure attributes must be viewed using STN Express query preparation.

=> s l1
SAMPLE SEARCH INITIATED 06:21:10 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 1197 TO ITERATE

83.5% PROCESSED 1000 ITERATIONS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

0 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 21865 TO 26015
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 full
FULL SEARCH INITIATED 06:21:14 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 24290 TO ITERATE

100.0% PROCESSED 24290 ITERATIONS
SEARCH TIME: 00.00.01

8 ANSWERS

L3 8 SEA SSS FUL L1

=> s l3 and caplus/lc
32235659 CAPLUS/LC
L4 8 L3 AND CAPLUS/LC

| => fil caplus | SINCE FILE | TOTAL |
|----------------------|------------|---------|
| COST IN U.S. DOLLARS | ENTRY | SESSION |
| FULL ESTIMATED COST | 152.37 | 152.58 |

FILE 'CAPLUS' ENTERED AT 06:21:25 ON 22 DEC 2003
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FILE COVERS 1907 - 22 Dec 2003 VOL 139 ISS 26
FILE LAST UPDATED: 21 Dec 2003 (20031221/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l4
L5 4 L4
=> d ibib abs hitstr 1-4

15 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)
REFERENCE COUNT: 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

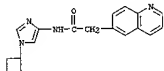
15 ANSWER 3 OF 4 CAPLUS COPYRIGHT NOTICE 2003 ACS ON STN
ACCESSION NUMBER: 2002.107232 CAPLUS
DOCUMENT NUMBER: 1941055
TITLE: Preparation of acylaminoimidazoles as inhibitors of
cdk2, cdk2, and GSK-3
INVENTOR(S): Michael Kerk Cooper, Christopher Blair;
Malai, Christopher John; Lau, lit-Pui; Menniti, Frank
Samuel; Sonney, Mark Allen; Seymour, Patricia Ann
Villalobos, Anabella
PATENT ASSIGNEE(S): Pfizer Products Inc., USA
SOURCE: PCR Int. Appl., 70 pp.
COPIES: 11XIX2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACQ. NUM. COUNT: 2
REMARKS INFORMATION:

[illegible]

OTHER SOURCE(S): MARPAT 136:151165
GI

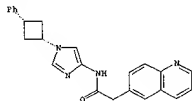


AB Title compds. [1: R1 = (substituted) alkyl, alkenyl, alkynyl, cycloalkyl, cycloalkenyl, heterocycloalkyl, bicycloalkyl, bicycloalkenyl, heterobicycloalkyl, aryl, heteroaryl; R2 = H, F, Me, CN, CO₂R⁷; R3 = CONR⁸, CO₂, CO(CR1OR11)a, (CR1OR11)b; R4 = (substituted) alkyl, alkynyl, alkenyl, cycloalkyl, cycloalkenyl, heterocycloalkyl, bicycloalkyl, bicycloalkenyl, heterobicycloalkyl, aryl, heteroaryl; R7-R9 = H, (substituted) alkyl, alkynyl, alkyl, cycloalkyl, cycloalkenyl,

[illegible]

RN 395074-50-7 CAPLUS
CN 6-Quinolinescarbamate, N-[1-(cis-3-phenylcyclobutyl)-1H-imidazol-4-yl]-
(9CI) (CA INDEX NAME)

Relative stereochemistry.

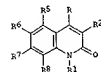


REFERENCE COUNT: 0 THERE ARE 0 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

15 ANNEX 4 OF 4
ACCESSION NUMBER: CAPLUS COPENHAGEN 2003 ACTS ON STN
197: 774566 AND 5212
128: 482236
TITLE: Preparation of 5-aminosalicyl- α -guanosine nucleotides
DOCSUB: MICROBIOLOGY releasing humoral antagonists
INVENTOR(S): Goulet, Mark Allen, Eric S., Beville, Mark A.,
Kosman, Anthony M., Thomas Jr., Young, Jonathan R.,
Wyvratt, Matthew J., Jr., Jacek, Tencap, Richard A.,
Jacek, Tencap, Richard A.
PATENT ASSIGNMENT(S): Herk and Co., Inc., USA; Goulet, Mark Allen, Eric S.,
Kosman, Anthony M., Thomas Jr., Young, Jonathan R.,
Young, Jonathan R., Wyvratt, Matthew J., Jr.,
Jacek, Tencap, Richard A.
SOURCE: PCT Int. Appl., 150 pp.
EPOBIB: E259202
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE | |
|--------------|--|---------------|-----------------|----------|--|
| AL 143399 | A | 19711127 | WO 1972-00482 | 19720516 | |
| Wt AL 143399 | AB, BA, BB, BC, BD, BE, BF, BG, BH, BI, BJ, BK, BL, BM, BN, BO, BP, BQ, BR, BS, BT, BU, BV, BW, BX, BY, CA, CB, CC, CD, CE, CF, CG, CH, CI, CJ, CK, CL, CM, CN, CO, CP, CQ, CR, CS, CT, CU, CV, CW, CX, CY, CZ, DA, DB, DC, DD, DE, DF, DG, DH, DI, DJ, DK, DL, DM, DN, DO, DP, DQ, DR, DS, DT, DU, DV, DW, DX, DY, EA, EB, EC, ED, EE, EF, EG, EH, EI, EJ, EK, EL, EM, EN, EO, EP, EQ, ER, ES, ET, EU, EV, EW, EX, EY, FA, FB, FC, FD, FE, FG, FH, FI, FJ, FK, FL, FM, FN, FO, FP, FQ, FR, FS, FT, FU, FV, FW, FX, FY, GA, GB, GC, GD, GE, GF, GH, GI, GJ, GK, GL, GM, GN, GO, GP, GQ, GR, GS, GT, GU, GV, GW, GX, GY, HA, HB, HC, HD, HE, HF, HG, HH, HI, HJ, HK, HL, HM, HN, HO, HP, HQ, HR, HS, HT, HU, HV, HW, HX, HY, IA, IB, IC, ID, IE, IF, IG, IH, II, IJ, IK, IL, IM, IN, IO, IP, IQ, IR, IS, IT, IU, IV, IW, IX, IY, JA, JB, JC, JD, JE, JF, JG, JH, JI, JJ, JK, JL, JM, JN, JO, JP, JQ, JR, JS, JT, JU, JV, JW, JX, JY, KA, KB, KC, KD, KE, KF, KG, KH, KI, KJ, KK, KL, KM, KN, KO, KP, KQ, KR, KS, KT, KU, KV, KW, KX, KY, LA, LB, LC, LD, LE, LF, LG, LH, LI, LJ, LK, LL, LM, LN, LO, LP, LQ, LR, LS, LT, LU, LV, LW, LX, LY, MA, MB, MC, MD, ME, MF, MG, MH, MI, MJ, MK, ML, MM, MN, MO, MP, MQ, MR, MS, MT, MU, MV, MW, MX, MY, NA, NB, NC, ND, NE, NF, NG, NH, NI, NJ, NK, NL, NM, NO, NP, NQ, NR, NS, NT, NU, NV, NW, NX, NY, OA, OB, OC, OD, OE, OF, OG, OH, OI, OJ, OK, OL, OM, ON, OO, OP, OQ, OR, OS, OT, OU, OV, OW, OX, OY, PA, PB, PC, PD, PE, PF, PG, PH, PI, PJ, PK, PL, PM, PN, PO, PP, PQ, PR, PS, PT, PU, PV, PW, PX, PY, QA, QB, QC, QD, QE, QF, QG, QH, QI, QJ, QK, QL, QM, QN, QO, QP, QQ, QR, QS, QT, QU, QV, QW, QX, QY, RA, RB, RC, RD, RE, RF, RG, RH, RI, RJ, RK, RL, RM, RN, RO, RP, RQ, RR, RS, RT, RU, RV, RW, RX, RY, SA, SB, SC, SD, SE, SF, SG, SH, SI, SJ, SK, SL, SM, SN, SO, SP, SQ, SR, SS, ST, SU, SV, SW, SX, SY, TA, TB, TC, TD, TE, TF, TG, TH, TI, TJ, TK, TL, TM, TN, TO, TP, TQ, TR, TS, TU, TV, TW, TX, TY, UA, UB, UC, UD, UE, UF, UG, UH, UI, UJ, UK, UL, UM, UN, UO, UP, UQ, UR, US, UT, UU, UV, UW, UX, UY, VA, VB, VC, VD, VE, VF, VG, VH, VI, VJ, VK, VL, VM, VN, VO, VP, VQ, VR, VS, VT, VU, VW, VX, VY, WA, WB, WC, WD, WE, WF, WG, WH, WI, WJ, WK, WL, WM, WN, WO, WP, WQ, WR, WS, WT, WU, WV, WW, WX, WY, XA, XB, XC, XD, XE, XF, XG, XH, XI, XJ, XK, XL, XM, XN, XO, XP, XQ, XR, XS, XT, XU, XV, XW, XX, XY, YA, YB, YC, YD, YE, YF, YG, YH, YI, YJ, YK, YL, YM, YN, YO, YP, YQ, YR, YS, YT, YU, YV, YW, YX, YY, ZA, ZB, ZC, ZD, ZE, ZF, ZG, ZH, ZI, ZJ, ZK, ZL, ZM, ZN, ZO, ZP, ZQ, ZR, ZS, ZT, ZU, ZV, ZW, ZX, ZY | CA 1971-12470 | CA 1972-25470 | 19720516 | |
| AL 973089 | A | 19710726 | AL 1977-30089 | 19770516 | |
| AL 973090 | B | 19710726 | | | |
| EP 901485 | A | 19900931 | EP 1997-92478 | 19970516 | |
| AL 901485 | A | 19900931 | FR 97-02478 | 19970516 | |
| AL 901485 | A | 19900931 | US 1997-4321 | 19970516 | |
| AL 901485 | A | 19900931 | US 1996-178939 | 19960520 | |
| AL 901485 | A | 19900931 | US 1996-178940 | 19960520 | |
| AL 901485 | A | 19900931 | US 1997-43824 | 19970516 | |
| AL 901485 | A | 19900931 | US 1997-43825 | 19970516 | |
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| AL 901485 | A | 19900931 | US 1997-43830 | 19970516 | |
| AL 901485 | A | 19900931 | US 1997-43831 | 19970516 | |
| AL 901485 | A | 19900931 | US 1997-43832 | 19970516 | |
| AL 901485 | A | 19900931 | US 1997-43833 | 19970516 | |
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| AL 901485 | A | 19900931 | US 1997-43848 | 19970516 | |
| AL 901485 | A | 19900931 | US 1997-43849 | 19970516 | |
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| AL 901485 | A | 19900931 | US 1997-43851 | 19970516 | |
| AL 901485 | A | 19900931 | US 1997-43852 | 19970516 | |
| AL 901485 | A | 19900931 | US 1997-43853 | 19970516 | |
| AL 901485 | A | 19900931 | US 1997-43854 | 19970516 | |
| AL 901485 | A | | | | |

OTHER SOURCE(S) : HARPAT 120:40236
GI



AB Title compds. [1; R = Z1Z2CR9R9aZ3NR10R11; R1 = H, (ar)alkyl, aryl, etc.; R2 = (un)substituted Ph; R5-R8 = H, halo, alkyl, (hetero)aryl, etc.; CR9-R9a-R10 = H, (ar)alkyl, aryl, etc.; R9R10 = atoms to complete a ring;

LS ANSWER 4 OF 4 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)
 R11 = H, alkyl, alkoxy, alkoxyalkyl, etc.; Z1 = bond, O, SO₂, CH₂, (alkyl)imino, etc.; Z2 = bond, Cl-CO alkyl (iscl), Cl-CO alkoxy (iscl), etc.; Z3 = bond, substituted Cl-CO alkyl (iscl) were prep'd. as gonadotropin releasing hormone antagonists (no data). Thus, 4,2-Cl(Aden)C8U3O2H6 5-iodinated and deacetylated and the product R-acetylated by 3,5-Me₂COHCOCl to give, after allylation and cyclization, 1 (R1 = H) = H) = H) = H. R2 = COHMe-3,1, R3 = Cl(1); R = OH, R6 = allyl which was etherified by 1-tert-butoxycarbonyl-2-piperidinmethanol to give II (R = 2-((1-tert-butoxycarbonyl-2-piperidinyl)ethoxy), R6 = allyl). The latter was oxidized and the product oxidized by pyridoline to give, after deprotection, II (R = 2-((2-piperidinyl)ethoxy), R6 = pyrrolidinemethyl).
 IT 199860-24-7P 199860-24-7P 199860-35-6P
 199860-38-3P
 R1: R2: R3: R4: R5: R6: R7: R8: R9: R10: R11: R12: R13: R14: R15: R16: R17: R18: R19: R20: R21: R22: R23: R24: R25: R26: R27: R28: R29: R30: R31: R32: R33: R34: R35: R36: R37: R38: R39: R40: R41: R42: R43: R44: R45: R46: R47: R48: R49: R50: R51: R52: R53: R54: R55: R56: R57: R58: R59: R60: R61: R62: R63: R64: R65: R66: R67: R68: R69: R70: R71: R72: R73: R74: R75: R76: R77: R78: R79: R80: R81: R82: R83: R84: R85: R86: R87: R88: R89: R90: R91: R92: R93: R94: R95: R96: R97: R98: R99: R100: R101: R102: R103: R104: R105: R106: R107: R108: R109: R110: R111: R112: R113: R114: R115: R116: R117: R118: R119: R120: R121: R122: R123: R124: R125: R126: R127: R128: R129: R130: R131: R132: R133: R134: R135: R136: R137: R138: R139: R140: R141: R142: R143: R144: R145: R146: R147: R148: R149: R150: R151: R152: R153: R154: R155: R156: R157: R158: R159: R160: R161: R162: R163: R164: R165: R166: R167: R168: R169: R170: R171: R172: R173: R174: R175: R176: R177: R178: R179: R180: R181: R182: R183: R184: R185: R186: R187: R188: R189: R190: R191: R192: R193: R194: R195: R196: R197: R198: R199: R200: R201: R202: R203: R204: R205: R206: R207: R208: R209: R210: R211: R212: R213: R214: R215: R216: R217: R218: R219: R220: R221: R222: R223: R224: R225: R226: R227: R228: R229: R230: R231: R232: R233: R234: R235: R236: R237: R238: R239: R240: R241: R242: R243: R244: R245: R246: R247: R248: R249: R250: R251: R252: R253: R254: R255: R256: R257: R258: R259: R260: R261: R262: R263: R264: R265: R266: R267: R268: R269: R270: R271: R272: R273: R274: R275: R276: R277: R278: R279: R280: R281: R282: R283: R284: R285: R286: R287: R288: R289: R290: R291: R292: R293: R294: R295: R296: R297: R298: R299: R300: R301: R302: R303: R304: R305: R306: R307: R308: R309: R310: R311: R312: R313: R314: R315: R316: R317: R318: R319: R320: R321: R322: R323: R324: R325: R326: R327: R328: R329: R330: R331: R332: R333: R334: R335: R336: R337: R338: R339: R340: R341: R342: R343: R344: R345: R346: R347: R348: R349: R350: 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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

18.56

171.14

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

-2.60

-2.60

STN INTERNATIONAL LOGOFF AT 06:22:01 ON 22 DEC 2003